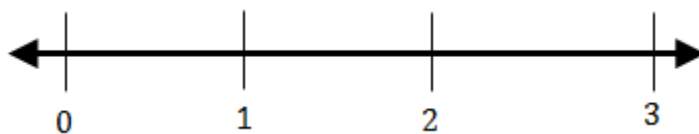


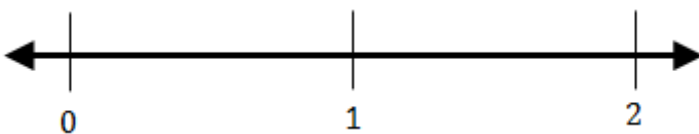
Divide whole number by a unit fraction by using a number line, Practice Set A

1. Use the number lines given to solve each problem.

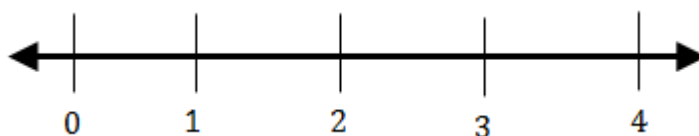
a. $3 \div \frac{1}{2} = \underline{\hspace{2cm}}$



b. $2 \div \frac{1}{4} = \underline{\hspace{2cm}}$



c. $4 \div \frac{1}{3} = \underline{\hspace{2cm}}$



2. Cameron hiked 2 miles. He stopped every $\frac{1}{3}$ mile to take a drink of water.

a. Use the number line to figure out how many times he stopped to drink water.



b. Fill in the blanks in the equation below to make it match the story problem.

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Divide whole number by a unit fraction by using a number line, Practice Set B

1. Use the number line given to solve each problem.

a. $2 \div \frac{1}{4} = \underline{\hspace{2cm}}$



b. $4 \div \frac{1}{3} = \underline{\hspace{2cm}}$



c. $5 \div \frac{1}{2} = \underline{\hspace{2cm}}$



d. $1 \div \frac{1}{8} = \underline{\hspace{2cm}}$



2. The ice cream truck drove 3 miles around a neighborhood today. If he passed a house every $\frac{1}{4}$ mile, how many total houses did he pass?

a.) Solve using the number line.



b.) Write an equation to match the situation

Divide whole number by a unit fraction by using a number line, Practice Set C

1. Carter has a piece of wood that is 6 yards long. He needs to cut it into pieces that are $\frac{1}{3}$ yard long.

a.) Use the number line to determine how many total pieces Carter will have.

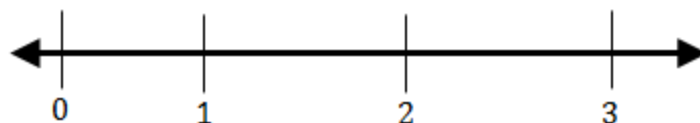


b.) Write an equation to match your model.

c.) Carter decided that he needs boards that are $\frac{1}{2}$ yard in length as opposed to $\frac{1}{3}$ yard. Write 2-3 sentences explaining how this will effect the total number of boards Carter will have.

2. Use the number line to help determine the missing divisor.

$$3 \div ? = 12$$



3. Write 1-2 sentences to explain how you could use a number line to solve the following problem: $4 \div \frac{1}{4}$.